

ARKANSAS DEPARTMENT OF TRANSPORTATION CONSTRUCTION PLANS FOR STATE HIGHWAY — D –

FED.RD. STATE FED.AID PROJ.NO. 6 ARK. JOB NO. 020586

(2) MAIN DITCH STR. & APPRS. (S)

MAIN DITCH STR. & APPRS. (S)

CHICOT COUNTY

ROUTE 144 SECTION 2

JOB 020586

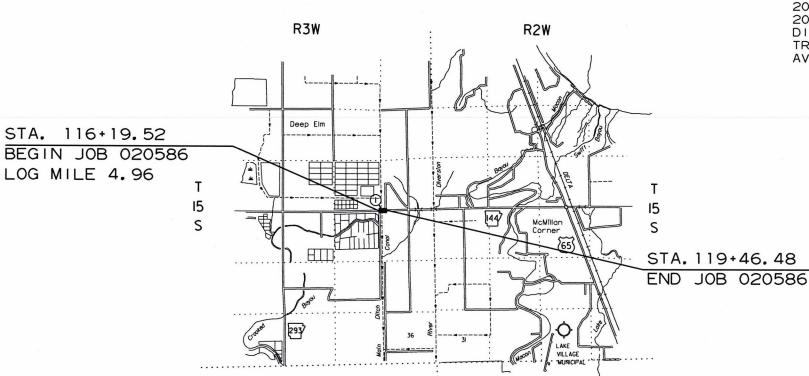
FED. AID PROJ. NHPP-0009(35)

DISTRICT ÎO DISTRICT DISTRICT DISTRICT

ARK. HWY. DIST. NO. 2

VICINITY MAP

NOT TO SCALE



DESIGN TRAFFIC DATA

DESIGN YEAR	2038
2018 ADT	
2038 ADT	400
2038 DHV	_44
DIRECTIONAL DISTRIBUTIONC	
TRUCKS	_4%
AVG. RUNNING SPEED55	MPH



APPROVED



DEPUTY DIRECTOR AND CHIEF ENGINEER

STRUCTURES OVER 20'-0" SPAN STA. II7-83 - CONSTRUCT

OUINT. I2' × II' × 53' R.C. BOX CULVERT
WITH 3:I WINGS LT. & RT.
O25 = 784 CFS. D.A. = IO.816 ACRES
CHANNEL CHANGE = I54 CU.YD.
SPAN LENGTH = 64.25'

BEGIN JOB 020586 LOG MILE 4.96

BEGINNING OF PROJECT MID POINT OF PROJECT END OF PROJECT LATITUDE = N 33°23'17" LONGITUDE = W 91°22'18" LATITUDE = N 33°23'17" LATITUDE = N 33*23'17" LONGITUDE = W 91*22'16"

16

GROSS LENGTH OF PROJECT 326.96
NET " ROADWAY 262.71
NET " BRIDGES 64.25
NET " PROJECT 326.96

R3W

FEET OR 0.062 MILES
" " 0.050 "
" " 0.012 "
" " 0.062 "

R2W

INDEX OF SHEETS

SHEET NO.	TITLE
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28	PERMANENT PAVEMENT MARKING DETAILS
29 - 31	QUANTITIES
32	SUMMARY OF QUANTITIES AND REVISIONS
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CROSS SECTIONS

ROADWAY STANDARD DRAWINGS

DRWG.NC	D. TITLE	DATE
MB-1	MAILBOX DETAILS	11-18-04
PBC-1	_ PRECAST CONCRETE BOX CULVERTS	1-28-15
PCC-1	CONCRETE PIPE CULVERT FILL HEIGHTS & BEDDING	2-27-14
PCM-1	METAL PIPE CULVERT FILL HEIGHTS & BEDDING	2-27-14
PCP-1	PLASTIC PIPE CULVERT (HIGH_DENSITY POLYETHYLENE)	2-27-14
PCP-2	PLASTIC PIPE CULVERT (PVC F949)	2-27-14
PM-1	_ PAVEMENT MARKING DETAILS	6-01-17
PU-1	_ DETAILS OF PIPE UNDERDRAIN	12-08-16
RCB-1	REINFORCED CONCRETE BOX CULVERT DETAILS	7-26-12
RCB-2	EXCAVATION PAY LIMITS, BACKFILL, & SOLID SODDING FOR BOX CULVERTS	11-20-03
SE-2	TABLES AND METHOD OF SUPERELEVATION FOR TWO-WAY TRAFFIC	10-18-96
TC-1	_ STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	4-13-17
TC-2	_ STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	9-02-15
TC-3	_ STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	9-02-15
TEC-1	_ TEMPORARY EROSION CONTROL DEVICES	11-16-17
TEC-2	_ TEMPORARY EROSION CONTROL DEVICES	6-02-94
TEC-3	_ TEMPORARY EROSION CONTROL DEVICES	11-03-94

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				6	ARK.			
				JOB	NO.	020586	2	48

(2) INDEX OF SHEETS, GOV. SPECS., & GEN. NOTES

ARKANSAS

REGISTERED PROFESSIONAL ENGINEER

GENERAL NOTES

- 1. GRADE LINE DENOTES FINISHED GRADE WHERE SHOWN ON PLANS.
- ALL PIPE LINES, POWER, TELEPHONE, AND TELEGRAPH LINES TO BE MOVED OR LOWERED BY THE RESPECTIVE OWNERS AS PER AGREEMENT WITH SUCH OWNERS.
- ANY EQUIPMENT OR APPURTENANCE THAT INTERFERES WITH THE PROPOSED CONSTRUCTION AND WHICH MAY BE THE PROPERTY OF UTILITY SERVICE ORGANIZATIONS SHALL BE MOVED BY THE OWNERS UNLESS OTHERWISE PROVIDED.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING U. S. MAILBOXES WITHIN THE PROJECT LIMITS IN SUCH A MANNER THAT THE PUBLIC MAY RECEIVE CONTINUED MAIL SERVICE. PAYMENT WILL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS BID ITEMS.
- ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.
- 6. ALL TREES THAT DO NOT DIRECTLY INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE SPARED AS DIRECTED BY THE ENGINEER. CARE AND DISCRETION SHALL BE USED TO INSURE THAT ALL TREES NOT TO BE REMOVED SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.
- THIS PROJECT IS COVERED UNDER A SECTION 404 NATIONWIDE 14 PERMIT. REFER TO SECTION 110 OF THE STANDARD SPECIFICATIONS, EDITION OF 2014, FOR PERMIT REQUIREMENTS.
- 8. ALL FLEXIBLE BASE AND ASPHALTIC PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO. 210 UNCLASSIFIED EXCAVATION.
- 9. THE EXISTING ASPHALT PAVEMENT TO BE REMOVED FROM THE REMAINING PAVEMENT SHALL BE SEPARATED BY SAWING ALONG A NEAT LINE. AFTER SAWING, THE PAVEMENT TO BE REMOVED SHALL BE CAREFULLY REMOVED IN A MANNER THAT WILL NOT DAMAGE THE PAVEMENT THAT IS TO REMAIN. ANY DAMAGE OF THE ASPHALT PAVEMENT THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

GOVERNING SPECIFICATIONS

ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS:

NUMBER

TITLE

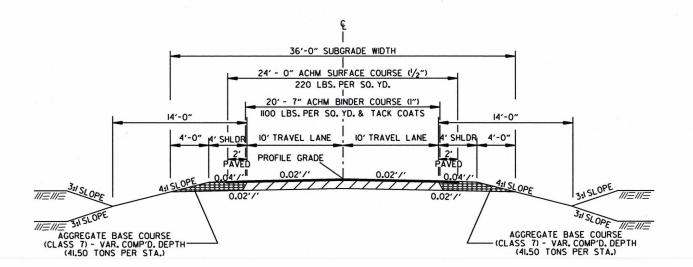
ERRATA ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS FHWA-1273 REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS FHWA-1273 SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - NOTICE TO CONTRACTORS FHWA-1273 SUPPLEMENT - SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES (23 U.S.C. 140) FHWA-1273 SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - GOALS AND TIMETABLES FHWA-1273 SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - FEDERAL STANDARDS FHWA-1273 SUPPLEMENT - POSTERS AND NOTICES REQUIRED FOR FEDERAL-AID PROJECTS FHWA-1273 SUPPLEMENT - WAGE RATE DETERMINATION
100-3 CONTRACTOR'S LICENSE
100-4 DEPARTMENT NAME CHANGE
102-2ISSUANCE OF PROPOSALS
108-1LIQUIDATED DAMAGES
108-2 WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER
303-1 AGGREGATE BASE COURSE
400-1TACK COATS
400-4 DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES
410-1 CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT MIX COURSES
604-1 RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
606-1 PIPE CULVERTS FOR SIDE DRAINS
620-1 MULCH COVER
621-1FILTER SOCKS
JOB 020586_ BIDDING REQUIREMENTS AND CONDITIONS
JOB 020586_ BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
JOB 020586_ BROADBAND INTERNET SERVICE FOR FIELD OFFICE
JOB 020586_ CARGO PREFERENCE ACT REQUIREMENTS
JOB 020586_ CONSTRUCTION IN SPECIAL FLOOD HAZARD AREAS
JOB 020586 DISADVANTAGED BUSINESS ENTERPRISE BIDDER'S RESPONSIBILITIES
JOB 020586_ GOALS FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION
JOB 020586 MANDATORY ELECTRONIC CONTRACT
JOB 020586 MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB 020586 NESTING SITES OF MIGRATORY BIRDS
JOB 020586_ PLASTIC PIPE
JOB 020586 PROTECTION OF WATER QUALITY AND WETLANDS JOB 020586 SHORING FOR CULVERTS
JOB 020586_ SOIL STABILIZATION
JOB 020586_SOIL STABILIZATION JOB 020586_STORM WATER POLLUTION PREVENTION PLAN
JOB 020586_ SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
JOB 020586 UTILITY ADJUSTMENTS JOB 020586 WARM MIX ASPHALT
JOB 020586 WELLHEAD PROTECTION

INDEX OF SHEETS, GOVERNING SPECIFICATIONS, AND GENERAL NOTES

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(2) TYPICAL SECTIONS OF IMPROVEMENT





NOTES: REFER TO CROSS SECTIONS FOR DEVIATION FROM THE NORMAL SLOPES. NO CHANGES SHALL BE MADE FROM THE PLANNED SLOPES WITHOUT THE APPROVAL OF THE ENGINEER.

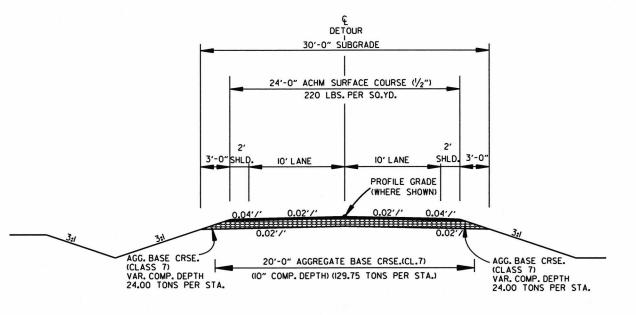
THE THICKNESS OF AGGREGATE BASE COURSE SHALL BE WITHIN PLUS OR MINUS ONE INCH OF THE PLAN THICKNESS SHOWN. THE CONTRACTOR WILL CORRECT ANY DEFICIENT THICKNESS THAT DOES NOT MEET TOLERANCE INDICATED. PAYMENT WILL NOT BE MADE FOR MATERIAL PLACED IN EXCESS OF THE TOLERANCE INDICATED.

THE FINAL 2" OF SURFACE COURSE IS TO BE PLACED AFTER ALL OTHER COURSES HAVE BEEN LAID. LONGITUDINAL JOINTS SHALL BE AT LANE LINES.

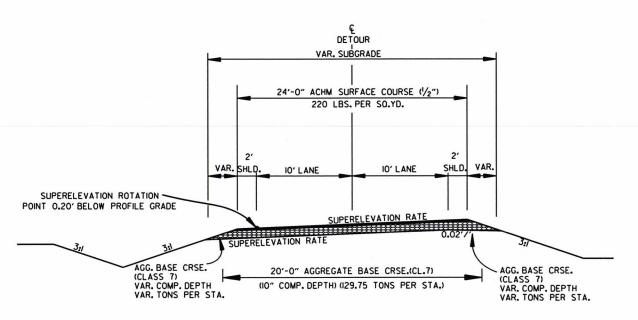
STA. 116+19.52 - STA.119+46.48

2 TYPICAL SECTIONS OF IMPROVEMENT





TYPICAL SECTIONS OF IMPROVEMENT - DETOUR ROAD NORMAL CROWN



TYPICAL SECTIONS OF IMPROVEMENT - DETOUR ROAD NORMAL CROWN

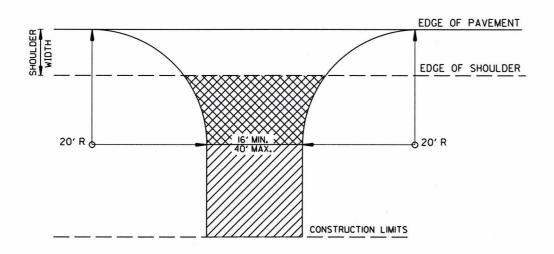
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2 SPECIAL DETAILS



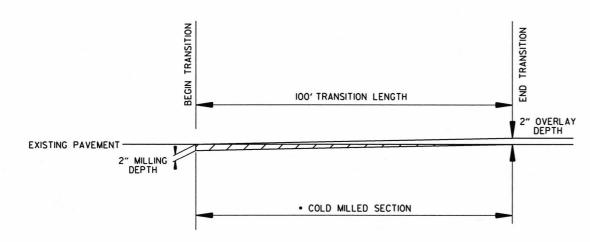


ACHM SURFACE COURSE (1/2")
(220 LBS./SO. YD.) & AGGREGATE BASE
COURSE (CLASS 7) (7" COMPACTED DEPTH)

AGGREGATE BASE COURSE (CLASS 7)
9" COMP. DEPTH OR CONFORM TO
EXISTING DRIVEWAY

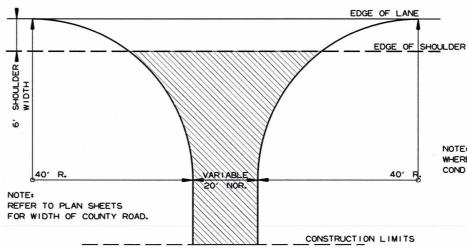
TURNOUTS SHALL BE MODIFIED AS NECESSARY TO MEET LOCAL CONDITIONS AS DIRECTED BY THE ENGINEER.

DETAIL FOR DRIVEWAY TURNOUTS



DETAIL SHOWING TAPER TO EXISTING PAVEMENT

. TO BE USED AS DIRECTED BY THE ENGINEER



DETAIL FOR COUNTY ROAD TURNOUTS OPEN SHOULDER SECTION

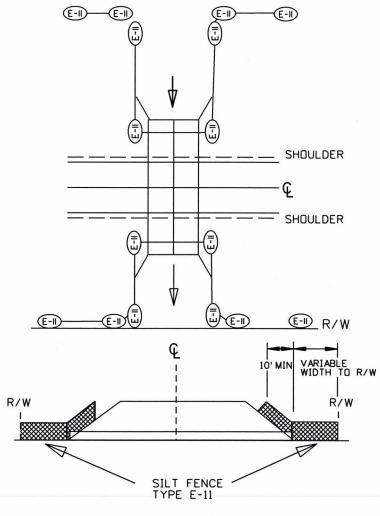
NOTE: TURNOUTS SHALL BE MODIFIED
WHERE NECESSARY TO MEET LOCAL
CONDITIONS AS DIRECTED BY THE ENGINEER.

ACHM SURFACE COURSE (1/2°)
(220 LBS. PER SQ. YD.) AND
AGGREGATE BASE COURSE (CLASS 7)
7° COMP. DEPTH

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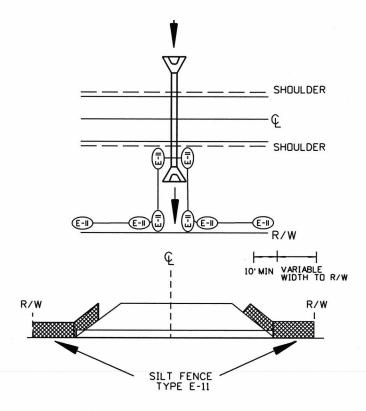
2 SPECIAL DETAILS





DETAIL OF SILT FENCE

AT R.C. BOX



DETAIL OF SILT FENCE
AT CROSS DRAINS